harman/kardon®

THE BRIDGE II

DOCKING STATION FOR iPod

OWNER'S MANUAL

Congratulations! With The Bridge II, you are entering the new world of entertainment made possible by combining the incredible storage capacity and playback flexibility of an iPod with the sonic power of your Harman Kardon® system.

With a single cable, your iPod is connected, and all you need is your remote control to get started!

Features

- Single connection to any The Bridge-ready Harman Kardon product
- Plays content from a compatible iPod through your Harman Kardon system
- Controls your iPod, using the Harman Kardon remote
- Easy track selection with on-screen navigation
- Charges the iPod

Included

- The Bridge II docking station
- Five clear dock adapters, marked “NANO,” “5G (VIDEO 60GB),” “5G (VIDEO 30GB),” “13” and “12, 14”
- Black insert marked “UNIVERSAL” to accept appropriate dock adapter
- Adapter for use with The Bridge-ready products

Compatibility

The Bridge II is compatible with all The Bridge- and The Bridge II-ready Harman Kardon receivers, and the Harman Kardon DMC 1000 digital media center. As of the printing of this manual, these models include:

- Audio playback only: AVR 140, AVR 240, AVR 340, AVR 145, AVR 245, AVR 445, AVR 645, AVR 745, HK 3490 and DMC 1000 (still-image playback available on DMC 1000)
- Audio, video and still-image playback: AVR 146, AVR 147, AVR 247, AVR 347, AVR 350, AVR 355, AVR 660 and AVR 760

The Bridge II is compatible with most iPod models equipped with dock connectors, 4G or later. Video and still-image playback is only possible with photo- and video-capable iPod models that support video browsing: the iPod 5G, iPod classic and iPod nano (3rd generation).

The Bridge™ II

iPod not included

INSTALLING The Bridge™ II

With only a single cable connection, The Bridge II is easy to connect to your Harman Kardon product.

Step One: Turn off the Harman Kardon The Bridge- or The Bridge II-ready product, using its master power switch.

Step Two:

The Bridge™ II **-Ready Products –** Holding the cable with the wider part of the connector at the bottom, gently squeeze the tabs on each side as you insert it into the connector on the rear panel of the Harman Kardon product. See Figure 1.

Figure 1 – The Bridge II connector on The Bridge II-ready Harman Kardon products

The Bridge™ **-Ready Products –** A different connector was used on The Bridge-ready Harman Kardon products and the HK3490, as shown in Figure 2. Do not plug The Bridge II directly into the DMP/The Bridge connector on the rear panel of these products. First, connect the included adapter to The Bridge II cable, then plug the adapter into the product.

Figure 2 – The DMP/The Bridge connector on The Bridge-ready Harman Kardon products

Step Three: Place the black insert in The Bridge II, making sure to push it all the way down. See Figure 3.

NOTE: Do not place an iPod in The Bridge II unless both the black insert and a dock adapter are installed. Otherwise, the iPod will not connect properly, and both it and the Bridge II may sustain damage that is not covered by the warranty.

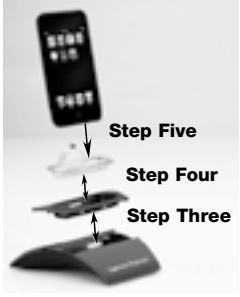

Figure 3 – Docking an iPod in The Bridge II

Step Four: Locate the dock adapter that was included with your iPod, or select one of the included clear dock adapters by referring to Table 1. If your iPod is an older model that does not appear in Table 1 and that did not include an adapter, contact Apple Inc. to purchase one.

Place the adapter in The Bridge II insert, as shown in Figure 3.

Step Five: Remove the iPod from any case, and dock it in The Bridge II, as shown in Figure 3.

Table 1 – Select the Correct The Bridge II Insert

The Bridge II Insert	iPod Model
NANO	iPod nano, 1st and 2nd generation
5G (VIDEO 60GB)	iPod, 5th generation (60GB, 80GB) and iPod classic (160GB)
5G (VIDEO 30GB)	iPod, 5th generation (30GB) and iPod classic (80GB)
13	iPod nano, 3rd generation
12, 14	iPod touch – install large bumper

USING The Bridge™ II

Once The Bridge II is connected, use either the front-panel controls or The Bridge-ready product's remote control to select tracks for playback. Press the DMP/The Bridge Button on the remote, or use the Source Selector on the front panel to change sources. When an iPod is docked, a message will appear in the front-panel and on-screen displays, indicating that The Bridge II is connected. The displays will switch to the navigation menus, and the menu screen on the iPod itself will be replaced by a Harman Kardon logo graphic and a message reading "OK to Disconnect."

When you see the "OK to Disconnect" message displayed, the iPod is in Extended Mode and may be operated using the Harman Kardon product's front-panel or remote controls. The controls for most The Bridge- and The Bridge II-ready products are described in Table 2. The blank boxes indicate that the function is not available using those controls. Because the specifics of operation vary by product, please review the owner's manual for detailed information.

While a selection is playing, the song title, artist and album name (if available) will scroll across the upper line in the front-panel Message Display. The lower line will display the elapsed time of the track on the left, the play mode icon, and the time remaining on the right.

If a video display is connected to the Harman Kardon product, the available track information will appear there as well, along with the time and play mode displays.

Some Harman Kardon The Bridge- and The Bridge II-ready products include a settings menu that allows you to select Repeat or Random playback or Resume mode. Refer to the product's manual for more information.

Playback of photos, when available, is different from audio playback. Press the Menu Button and select the photo option to switch to Manual Mode. In Manual Mode, the iPod may be operated using its own controls or the receiver's remote, and its menus will appear in place of the Harman Kardon logo and "OK to Disconnect" message. The menus generated by the receiver while using The Bridge II do not appear in Manual Mode.

Photos may be viewed on an external monitor only for iPod models that support video browsing (see note below). Select the desired photo, then press the play button on the iPod, or press the OK or Enter Button on the remote *three* times.

To view videos, when available on an iPod that supports video browsing, press the Menu Button and select the "Videos" option. For The Bridge II-ready products, the iPod will remain in Extended Mode. Use the AVR remote and the on-screen menus to select video content. For The Bridge-ready products, the iPod may switch to Manual Mode. Use the Harman Kardon remote or the controls on the iPod with the screen on the iPod to view videos.

To return to Extended Mode from Manual Mode, press and hold the Menu Button on the receiver's remote control.

NOTES ON VIDEO PLAYBACK:

- As of this writing, video browsing is only supported on the iPod 5G, iPod classic and iPod nano (3rd generation). For other iPod models (except the iPod 4G), it is not possible to view photos or videos on an external monitor with The Bridge II. However, you may purchase an A/V cable from Apple Inc. that has conventional audio and video plugs that may be connected to any available analog inputs on the AVR.
- Before attempting to play videos stored on your iPod, check that the TV Out setting on the iPod is set to On. Adjust any other settings on the iPod as appropriate for your system. If your selection was playing and paused at the time you changed the TV Out setting, the iPod may require you to navigate its menu system and reselect the video. Resuming play from the "Now Playing" function may not reflect the change to the TV Out setting.
- In Manual Mode, the menus for the iPod will only be visible on its screen. You may operate the iPod using the receiver's remote, as long as it is in The Bridge device mode.

Charging the iPod

You may leave your iPod in The Bridge II even when you are not using it as a playback source. Whenever the iPod is docked and your receiver is turned on, The Bridge II will charge the battery in the iPod.

Some Harman Kardon receivers allow you to charge the battery in the iPod when the receiver is turned off (i.e., in the "Standby" mode). Consult your receiver's owner's manual for more information.

Undocking the iPod

We recommend that you pause playback before physically removing the iPod from The Bridge II.

IMPORTANT NOTE: When using The Bridge II with the DMC 1000, do not remove the iPod from The Bridge II without first selecting the "Undock iPod" option in the on-screen menu.

Table 2 – Controlling the iPod

	The Bridge™ -Ready Products		The Bridge™ II -Ready Products
Function on iPod	**Remote Control Key**	**Front-Panel Button**	**Remote Control Key**
Play	Play (▶)	Tuner Mode	Play (▶)
Pause	Pause (**II**)	Tuner Mode	Pause (**II**)
Menu	Menu (Spkr)	Tuner Band (AM/FM)	Menu
Select	Set	Set	OK
Scroll Reverse	Left Arrow (◀)	Preset Down	Left Arrow (◀)
Scroll Forward	Right Arrow (▶)	Preset Up	Right Arrow (▶)
Forward Search/Next Track	Forward/Next (▶▶I)	Tuning Up	Forward/Next (▶▶I)
Reverse Search/Previous Track	Reverse/Previous (I◀◀)	Tuning Down	Reverse/Previous (I◀◀)
Page Up/Down			Channel/Page Up/Down

TROUBLESHOOTING GUIDE

SYMPTOM	SOLUTION
The iPod does not play or respond to commands from the receiver's remote.	• Make sure that The Bridge II is properly connected to a compatible Harman Kardon receiver. • Make sure that DMP or The Bridge is selected as the input on the receiver.
The LED under The Bridge II goes out when the receiver is in the Standby mode.	• Check the menu setting on your receiver to make sure that the option to charge iPod while in Standby mode is turned on, if available. • Make certain that the receiver is in the Standby mode by looking for the amber standby light. The iPod will not charge when the Master Power Switch is off.
The display and controls on the iPod do not operate in iPod mode.	• This is normal and does not indicate a problem with the iPod, The Bridge II or your receiver.

SPECIFICATIONS:

Dimensions (H x W x D): 1-3/16" x 4-1/2" x 4-1/2" (30mm x 114mm 114mm)
Weight: 0.37 lb (0.17kg)

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Features, specifications and appearance are subject to change without notice.

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